

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/586478	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 09:59
S3	3	("20030214898"   "20050122879"   "6442125").PN.	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:15
S6	746396	((2nd second plural\$5 multi \$3) near2 layer\$2) multi \$1layer\$2 plural\$1layer\$2	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:27
S7	390968	photo\$1detect\$3 photo \$1sens\$3 ((photo light optic \$2) near1 (detect\$3 sens \$3))	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:29
S11	273668	((partial\$2 portion) near3 (reflect\$2 light beam))	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:36
S12	233	"369".clas. and (S6 with S7) and S11	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:38
S13	390975	photo\$1detect\$3 photo \$1sens\$3 light\$1detect\$3 light\$1sens\$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 12:47
S14	333987	(hologa\$6 diffract\$3 prism)	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 13:07
S15	316	S6 same (S13 with S14)	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 13:08
S16	292	369/44.24.cds.	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 13:21
S17	50	369/44.24.cds. and S6	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 13:49
S18	3332	S6 and ((second 2nd) near2 S13)	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 14:17
S20	227	"369".clas. and S6 and S14 same ((second 2nd) near2 S13)	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 14:18
S19	389	S6 and S14 same ((second 2nd) near2 S13)	US-PGPUB; USPAT; EPO, JPO	OR	ON	2008/07/29 14:18

S21	752557	((2nd second plural\$5 multi \$3 dual triple quadruple) near2 layer\$2) multi\$1layer \$2 plural\$1layer\$2 dual \$1layer\$2 triple\$1layer\$2 quadruple\$1layer\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 15:42
S23	678	"369".clas. and cross\$1talk \$3 and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 16:28
S22	3845	"369".clas. and cross\$1talk \$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 16:28
S24	678	"369".clas. and cross\$1talk \$3 and S7 and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 16:29
S25	186	"369".clas. and cross\$1talk \$3 and S6 and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 16:30
S26	67	"369".clas. and ((inter \$1layer\$2 ((inter between among\$2) adj1 layer\$2)) near3 cross\$1talk\$3) and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 16:31
S28	1	"5353267".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 17:04
S30	133	"369".clas. and (stray near2 (light beam laser)) and S6 and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 17:09
S29	327	"369".clas. and (stray near2 (light beam laser)) and S14 with S13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 17:09
S31	4	"363873".ap.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/29 17:54
S32	746396	((2nd second plural\$5 multi \$3) near2 layer\$2) multi \$1layer\$2 plural\$1layer\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 09:56
S33	3276	((inter\$1layer\$2 ((inter between among\$2) adj1 layer\$2)) near3 (noise talk \$3 light))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 09:57
S34	17086	(stray near2 (light beam laser))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 09:58
S39	373	"369".clas. and (S36 S37 S38 cross\$1talk\$3) and (actuat\$4 (move\$1 moving movable) (drive\$1 driving drivable)) near2 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:01

S38	17086	(stray near2 (light beam laser))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:01
S37	3276	((inter\$1layer\$2 ((inter between among\$2) adj1 layer\$2)) near3 (noise talk \$3 light))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:01
S36	746396	((2nd second plural\$5 multi \$3) near2 layer\$2) multi \$1layer\$2 plural\$1layer\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:01
S35	390975	photo\$1detect\$3 photo \$1sens\$3 light\$1detect\$3 light\$1sens\$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:01
S40	135	"369".clas. and S35 near5 (between) near5 (focus\$4 focal condens\$3 converg \$3) near1 (point area location position)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:13
S41	55	"369".clas. and (S36 S37 S38 cross\$1talk\$3) and (S35 near5 (between) near5 (focus\$4 focal condens\$3 converg\$3) near1 (point area location position))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:20
S42	0	jp95/02770	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 10:54
S44	1	WO96/20473	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 11:45
S43	0	96/20473	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 11:45
S45	5	("5097464"   "5563873"). PN. OR ("5923632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 12:18
S46	9	("5619371"   "5841746"   "5862118"   "5905708"   "5923632"   "6055076"   "6064637"   "6091690"). PN. OR ("6442125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 12:24
S50	4684	369/112.\$..cls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 12:46
S51	49	369/112.\$..cls. AND 369/44.37.cls. AND 369/94.cls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 12:49

S53	131	369/112.\$ ccls. AND 369/94.ccls. not S51	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 13:31
S55	112	369/94.ccls. and ((cross adj1 talk\$3) cross\$1talk\$3) not (S51 S53)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 14:18
S58	143	"369".clas. and actuat\$4 near1 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:00
S59	28	"369".clas. and (chang\$3 near1 position\$3) near1 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:06
S60	10	("4797545"   "4865445"   "5532987"   "5768244"   "5864525"   "6181666"   "6353582"   "6418108"   "6574174"   "6938890"). PN. OR ("7272083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 16:24
S61	15	("3989358"   "4079248"   "4415235"   "5084850"   "5161139"   "5173890"   "5270996"   "5345072"   "5353167"   "5367512"   "Re33548").PN. OR ("5864525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 16:31
S63	11	369/94.ccls. and (move\$1 moving movable drive\$1 driving drivable) near1 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:42
S62	373	"369".clas. and (move\$1 moving movable drive\$1 driving drivable) near1 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:42
S64	194	"369".clas. and (condens\$3 near1 lens) near3 (move\$1 moving movable drive\$1 driving drivable)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:52
S65	46	"369".clas. and (condens\$3 near1 lens) near3 (move\$1 moving movable drive\$1 driving drivable) with S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 16:53
S67	14	"369".clas. and adjust\$3 near2 focus\$2 near2 S35	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 17:22
S68	1	"4079248".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/30 17:49
S69	0	10/586478	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 10:36
S72	184	369/112.15.ccls. and @ad< "20060718"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 11:04

S75	391853	photo\$1detect\$3 photo \$1sens\$3 light\$1detect\$3 light\$1sens\$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 12:57
S76	2149	(position\$3 locat\$3) near2 between near2 S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 12:58
S77	96	(focus\$3 focal converg\$3 condens\$3) near2 (point spot location position region) near2 between near2 S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 12:59
S78	7	((select\$4 choos\$5) near2 (layer)) with (position\$4 driv\$4 actuat\$4) near2 S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 17:57
S79	7	((select\$4 choos\$5) near2 (layer)) with (position\$4 driv\$4 actuat\$4 mov\$4) near2 S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 17:58
S81	758	(position\$4 driv\$4 actuat\$4 mov\$4) near5 S75 near5 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:04
S82	360	S75 near3 (position\$4 driv \$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:05
S83	99	("359" "360" "369" "720"). clas. and S75 near3 (position\$4 driv\$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:07
S85	0	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5) near1 layer) and S75 near3 (position\$4 driv \$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:08
S84	0	("359" "360" "369" "720"). clas. and (second 2nd) near1 layer and S75 near3 (position\$4 driv\$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:08
S86	2	((second 2nd plural\$5) near1 layer) and S75 near3 (position\$4 driv\$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:09

S87	0	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5 other) near1 layer) and S75 near3 (position\$4 driv\$4 actual\$4 mov\$4 adjust\$4 chang\$5) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:10
S89	122	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5 other) near3 layer) and S75 with (position\$4 driv\$4 actual\$4 mov\$4 adjust\$4 chang\$5) with (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:11
S88	85	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5 other) near1 layer) and S75 with (position\$4 driv\$4 actual\$4 mov\$4 adjust\$4 chang\$5) with (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:11
S90	4	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5) near3 layer) and S75 near3 (position\$4 driv \$4 actual\$4 mov\$4) near3 (direction near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/11 18:12
S94	153	("359" "360" "369" "720"). clas. and ((second 2nd plural\$5 other) near3 layer) and S93 with (position\$4 driv\$4 actual\$4 mov\$4 adjust\$4 chang\$5) with ((along direction) near3 (axis axial))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/12 09:32
S93	392059	photo\$1 detect\$3 photo \$1 sens\$3 light\$1 detect\$3 light\$1 sens\$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/12 09:32
S98	1	10/540697	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/12 10:28
S100	158	("359" "360" "369" "720"). clas. and detector near3 slid\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/12 14:11

S101	19	("5740136"   "5903530"   "5999503"   "6011762"   "6240054").PN. OR ("6370093"   "6459662"   "6466527"   "6477122"   "6480444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 14:57
S102	2	("4725721"   "5532987").PN. OR ("6347066").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 09:39
S103	128	(driv\$3 actuat\$3) near3 (condens\$3 converg\$3 focus\$3) near1 lens same ab\$1er\$1at\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 09:43
S105	67	(driv\$3 actuat\$3) near3 (condens\$3 converg\$3 focus\$3) near1 lens same ab\$1er\$1at\$3 same S104	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 09:45
S104	4011743	photo\$1detect\$3 photo \$1sens\$3 light\$1detect\$3 light\$1sens\$3 (detect\$3 sens\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 09:45
S106	96	lens near3 (focus\$4) near2 \$4spot near3 S104	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 09:56
S107	22	"369".clas. and lens near3 (focus\$4) near2 \$4spot near3 S104	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:10
S108	957	"369".clas. and lens with (actuat\$3 driv\$3) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:32
S109	261	"369".clas. and lens near3 (actuat\$3 driv\$3) near8 layer	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:36
S110	173	"369".clas. and lens near3 (actuat\$3 driv\$3) near8 layer with focus\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:37
S111	130	"369".clas. and focus\$4 near4 lens near3 (actuat\$3 driv\$3) near8 layer	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:38

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